REPORT TO CONGRESS ARMY CORPS OF ENGINEERS HURRICANE KATRINA SUPPLEMENTAL PROGRAM

EXECUTION STATUS

07-Dec-05

(\$000)

| Appropriation | State | Allocation | Obligation |
|-----------------------------------|------------|------------|------------|
| Operation and Maintenance, Gener | ral (O&M) | | |
| | AL | 8,540 | 8,174 |
| | FL | 1,010 | 1,009 |
| | LA | 111,000 | 101,312 |
| | MS | 5,635 | 4,322 |
| | TX | 5,000 | 5,000 |
| | Multiple | 3,800 | 3,521 |
| Total | | 134,985 | 123,338 |
| Transfer from O&M to FCCE 1/ | | 65,000 | |
| Unallocated 2/ | | 15 | |
| Total O&M Appropriated | | 200,000 | |
| | | | |
| Flood Control & Coastal Emergenci | ies (FCCE) | | |
| | AL | 3,000 | 73 |
| | FL | 5,000 | 250 |
| | LA | 251,450 | 182,416 |
| | MS | 5,550 | 1,053 |
| | TX | 0 | 0 |
| | | | |
| Total | | 265,000 | 183,792 |
| Transfer from O&M to FCCE 1/ | , | -65,000 | |
| Unallocated | | 0 | |
| Total FCCE Appropriated | | 200,000 | |

^{1/} Transfer of \$65M from O&M to FCCE allows for continuation of repairs of hurricane damages in the New Orleans area. The funds transferred from O&M include \$5M previously unallocated, \$30M from the Mississippi River Baton Rouge to the Gulf of Mexico project, and \$30M from the Mississippi River Gulf Outlet South Bank Foreshore Protection project.

2/ Unallocated \$15k has been designated for dredge material disposal facilities, but is awaiting project specific designations.

CORPS OF ENGINEERS -- CIVIL -- OPERATIONS AND MAINTENANCE (O&M)

\$200 MILLION EMERGENCY SUPPLEMENTAL ALLOCATIONS AND OBLIGATIONS

(Dollars in Thousands)

| | Appropriation | | | | | 07-Dec | | Allocation | Obligation |
|----------------------|---------------|----------|-----|--------|---|--------|--|------------|------------|
| Event | Account | District | Cat | PWID | Project/Activity Name | State | Description of Work | (\$000) | (\$000) |
| Hurricane Katrina | O&M | MVN | | 000680 | Atchafalaya River & Bayous Chene, Boeuf and Black | LA | Cumulative impacts from the Hurricane have damaged the waterway so that less than acceptable project dimensions are available. Full project dimensions are needed for access to major offshore infrastructure yards in the area. | 10,000 | 10,000 |
| Hurricane Katrina | O&M | M∨N | | 002310 | Bayou Lafourche and Lafourche Jump Waterway | LA | Port Fourchon, Belle Pass was impacted from Hurricane Katrina from critical shoaling in the entrance channel. Navigation through segment of channel provides the only access between Port Fourchon, LA. and offshore oil and gas platforms, Removal of sunken vessels and othe obstructions. | 6,000 | 6,000 |
| Hurricane Katrina | O&M | MVN | | 002440 | Calcasieu River & Pass, Bar Channel | LA | Impacts from the storm caused shoaling near the jetties in the Bar Channel. The Calcasieu River project provides the only deep-draft access to the Port of Lake Charles, to ConocoPhillips and CITGO refineries that handle 4% of the nation's petroleum. | 18,300 | 18,300 |
| Hurricane Katrina | O&M | MVN | | 002440 | Dredged Material Disposal Facilities (Calcasieu River) | LA | Repair dredged material placement sites and disposal facilities damaged by Hurricane Katrina. | 6,700 | 6,700 |
| Hurricane Katrina | O&M | M√N | | 006200 | Freshwater Bayou, Lock to Gulf of Mexico | LA | Impacts from the storm has caused critical shoaling in the Freshwater Bayou area. Navigation through segment of channel provides access between Intracoastal City, LA, the Abbeville Harbor & Terminal District, and offshore oil and gas platforms. | 3,000 | 3,000 |
| Hurricane Katrina | O&M | MVN | | 000062 | Gulf Intercoastal Waterway (GIWW) | LA | Repair Hurricane damaged Levees overtopped by storm surge. These Levees are Corps owned. Lock repairs, including \$12.5M for Inner Harbor old lock, due to storm surge and high winds. Remove sunken vessels. Dredging. | 20,000 | 16,330 |
| Hurricane Katrina | O&M | MVN | | 007760 | Houma Navigation Canal, Cat Island Pass and Terrebonne Bay | LA | Impacts from hurricane has caused critical shoaling in the Houma Navigation Channel. Navigation thru segment of channel provides only access between Port of Terrebonne, LA, and offshore oil and gas platforms. | 7,000 | 6,647 |
| Hurricane Katrina | O&M | MVN | | | Mississippi River - Outlets at Venice (MROV), Baptiste Collette Bayou | LA | Impacts from hurricane has caused critical shoaling in channel. Navigation through segment of channel provides access between Venice, LA, and offshore oil and gas platforms. Channel also serves as GIWW Alternate Route when IHNC is inoperable. | 5,000 | 4,070 |
| Hurricane Katrina | O&M | MVN | | 000063 | Mississippi River - Outlets at Venice (MROV), Tiger Pass | LA | Impacts from hurricane has caused critical shoaling in channel. Navigation through segment of channel provides access between Venice, LA, and offshore oil and gas platforms. Channel also serves as GIWW Alternate Route when IHNC is inoperable. | 5,000 | 5,000 |

CORPS OF ENGINEERS -- CIVIL -- OPERATIONS AND MAINTENANCE (O&M)

\$200 MILLION EMERGENCY SUPPLEMENTAL ALLOCATIONS AND OBLIGATIONS

(Dollars in Thousands)

| Katrina O& Hurricane | M S M S M S M S | MVN SAM SAM | 111 111 120 | 000068 000430 001520 | Project/Activity Name Mississippi River, Baton Rouge to the Gulf of Mexico, Louisiana Apalachicola Bay Biloxi Harbor | LA FL | Impacts from the storm caused critical shoaling throughout the Southwest pass which is a critical Navigation channel providing ship access to the Mississippi River and survey and supply vessels access to offshore oil and gas platforms. Dredging St. George Island/East Point channels/repair jetties | (\$000) 30,000 | (\$000) 25,26 |
|--|-----------------|-------------------|-------------------|----------------------------|---|-----------------------|---|----------------------------|-------------------------|
| Katrina O& Hurricane O& Katrina O& Hurricane O& Katrina O& Hurricane O& Katrina O& Hurricane O& Hurricane O& Hurricane O& Hurricane O& Hurricane O& Hurricane O& | M S M S M S | SAM SAM | 111 | 000068 000430 001520 | to the Gulf of Mexico, Louisiana Apalachicola Bay Biloxi Harbor | LA | Southwest pass which is a critical Navigation channel providing ship access to the Mississippi River and survey and supply vessels access to offshore oil and gas platforms. | | 25,26 |
| Hurricane Katrina O& Hurricane | M S M S M S | SAM SAM | 111 | 000430 001520 | Apalachicola Bay Biloxi Harbor | | | | 25,26 |
| Katrina O& Hurricane O& Hurricane O& | M S | SAM SAM | 111 | 001520 | Biloxi Harbor | FL | Dredging St. George Island/East Point channels/repair jetties | 10 | |
| Katrina O& Hurricane O& Katrina O& Hurricane Katrina Katrina O& Hurricane Katrina Katrina O& Hurricane C Hurricane C | M S | SAM | | | | | | | |
| Hurricane Katrina O& Hurricane | M S | SAM | | | | | Critical Navigation Channel Dredging / Removal of Sunken | | |
| Hurricane Katrina O& Hurricane Katrina O& Hurricane Katrina O& Hurricane Katrina O& Hurricane | M S | | 120 | 001680 | | MS | Vessels | 350 | 335 |
| Katrina O& Hurricane O& Katrina O& Hurricane O& Hurricane O | | SAM | | 001000 | Black Warrior and Tombigbee Rivers | AL | Critical navigation channel dredging. Disposal area work, debris removal, repair of facilities. | 700 | 700 |
| Katrina O& Hurricane Katrina O& Hurricane | M S | | 111 | 004480 | Dauphin Island Bay | AL | Critical Navigation Dredging/Disposal Repair/Breach Repair/Debris Removal | 300 | |
| Katrina O& Hurricane | | SAM | 111 | 007130 | Gulf Intracoastal Waterway | FL | Critical Navigation Channel Dredging/Debris removal | 1,000 | 1,000 |
| | M S | SAM | 111 | 007150 | Gulfport Harbor | MS | Critical Navigation Channel Dredging/Debris removal | 3,715 | 2,455 |
| | M S | SAM | 111 | 011670 | Mobile Harbor | AL | Critical Navigation Channel Dredging | 6,460 | 6,423 |
| Hurricane Katrina O& | M S | SAM | 111 | 008242 | National Coastal Mapping Program (Lidar Bathymeter) | AL, FL, LA, MS, TX | Re-survey of Gulf Coast region shoreline areas for national central data surveying data requirements to establish new profiles after hurricane using national program. | 2,000 | 1,743 |
| Hurricane Katrina O& | M S | SAM | 111 | 013680 | Pascagoula Harbor | MS | Critical Navigation channel Dredging/ Disposal Repair | 1,500 | 1,495 |
| Hurricane Katrina O& | M S | SAM | 111 | 076002 | Pass Christian Harbor | MS | Debris and Snag Removal | 45 | 37 |
| Hurricane Katrina O& | M S | SAM | 111 | 013880 | Perdido Pass | AL | Jetty repair | 1,080 | 1,048 |
| Hurricane Katrina O& | M S | SAM | 120 | 018070 | Tennessee-Tombigbee Waterway | AL & MS | Critical Navigation Channel dredging: tows grounding. Lock roof repairs. Hazard tree and storm generated debris removal. | 1,800 | 1,778 |
| Hurricane Katrina O& | M S | SAM | 111 | 020160 | Wolf and Jourdan Rivers | MS | Critical Navigation channel Dredging/ Disposal Repair | 25 | (|
| Hurricane | | | | | | | Initial estimates of the Port Arthur Canal and Junction area indicate shoaling which is restricting traffic and creating unsafe conditions for navigation, and the amount requested (\$5M) focused only on dredging. Post surveys and investigations were conducted, and it was determined that the dredged material placement areas required significant work before they could accept the material, at an additional cost of \$6M. Contract awarded 17 Oct; further increases due to poor quality of levee material for | | |
| Katrina O& | M S | swg | 111 | 015780 | Sabine-Neches Waterway | TX | placement area - must obtain from other source. Total O&M | 5,000 134,985 | 5,000 123,338 |

CORPS OF ENGINEERS -- CIVIL -- FLOOD CONTROL AND COASTAL EMERGENCIES (FC&CE) \$200 MILLION EMERGENCY SUPPLEMENTAL ALLOCATIONS AND OBLIGATIONS

(Dollars in Thousands)

| | Appropriation | | | | NE : | | | Allocation | Obligation |
|----------------------|---------------|----------|----------|--------|------------------------------------|-------|---|------------|------------|
| Event | Account | District | Cat | PWID | Project/Activity Name | State | Description of Work | (\$000) | (\$000) |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | Collection of critical, perishable data and information on performance | | |
| | <u> </u> | | | | | | of hurricane protection systems in New Orleans in preparation for | | |
| Hurricane | | | | | Project Performance Data | | comprehensive performance evaluation of the hurricane protection | | |
| Katrina | FCCE | MVD | 220 | 5480 | Collection | LA | systems in S.E. Louisiana during Hurricane Katrina. | 925 | 92 |
| Hurricane | | | | | | | Rehab major erosion of protective dune and erosion of protective | | |
| Katrina | FCCE | MVN | 330/340 | 75315 | Grand Isle, LA | LA | beach material. | 2,035 | 10 |
| | | | | | Lake Pontchartrain & Vicinity | | Emergency floodfight operations and repair of damages to the Lake | | |
| Hurricane | | | 200/330/ | | HSPP and Emergency Response | | Pontchartrain & Vicinity flood protection system and pump station | | |
| Katrina | FCCE | MVN | 340 | 9350 | Operations | LA | infrastructure. | 174,637 | 167,298 |
| Hurricane | | | | | Larose to Golden Meadow | | | | |
| Katrina | FCCE | MVN | 330/340 | 6680 | (HSPP) | LA | Repairs to damages to the Larose to Golden Meadow HSPP. | 51 | 40 |
| Hurricane | | | | | | | Repair of damages to the New Orleans to Venice Plaquemines East & | | 44.00 |
| Katrina | FCCE | MVN | 330/340 | 12110 | New Orleans to Venice (HSPP) | LA | West (HSPP). | 73,334 | 14,039 |
| | | | | | Southeast Louisiana (SELA) flood | | | | |
| Hurricane | | | | | control project (Jefferson/Orleans | | Repair of damages to the SELA flood control projects, Jefferson and | | |
| Katrina | FCCE | MVN | 310/340 | 75517 | Parish) | LA | Orleans Parish. | 234 | |
| Hurricane | | | | | West Bank & Vicinity New | | Repair of damages to the West Bank & Vicinity, New Orleans | | |
| Katrina | FCCE | MVN | 330/340 | 76243 | Orleans HSPP | LA | Hurricane and Storm protection system. | 234 | , |
| Hurricane | 5005 | | 040 | 05005 | 5 04 1 1 10 | | Provide emergency restoration of the protective measures at Bay St. | | |
| Katrina | FCCE | SAM | 310 | 95065 | Bay St. Louis, MS | MS | Louis, MS | 500 | 1; |
| Hurricane | 5005 | 0.11 | 000 | 000050 | Barriago Carria NAO | | Provide emergency restoration of the protective measures at Bayview | | |
| Katrina | FCCE | SAM | 330 | | Bayview Court, MS | MS | Court, MS | 500 | 12 |
| Hurricane | FOOE | CANA | 220 | | Belle Fountain, Rd Graveline | MC | Provide emergency restoration of the bulkhead and protective | 0.5 | 4- |
| Katrina | FCCE | SAM | 330 | 163898 | Bayou East | MS | shoreline along Graveline Bayou | 25 | 17 |
| Hurricane | FOOE | CANA | 220 | 477540 | Codes Boint Futencies MC | | Provide emergency restoration of the protective measures at Cedar | 500 | |
| Katrina | FCCE | SAM | 330 | 177546 | Cedar Point Extension, MS | MS | point Extension, MS | 500 | 10 |
| Hurricane Katrina | FCCE | SAM | 310 | 150053 | Cedar Point Seawall, MS | MS | Provide emergency restoration of the protective measures at Cedar Point Seawall, MS | 200 | _ر |
| - | FCCE | SAIVI | 310 | 150055 | Cedar Point Seawaii, ivis | IVIS | 1 | 200 | 23 |
| Hurricane Katrina | FCCE | SAM | 310 | 160645 | Dane Avenue, MS | MS | Provide emergency restoration of the protective measures at Dane Avenue, MS | 500 | 10 |
| | FCCE | SAIVI | 310 | 109043 | Darie Averiue, MS | IVIO | Avenue, No | 300 | 10 |
| Hurricane Katrina | FCCE | SAM | 310 | 002752 | Dauphin Island Shoreline | AL | Repair/replace rip-rap shore protection | 750 | 2: |
| Hurricane | 1001 | SAIVI | 310 | 092132 | Dauphin Islanu Gnorenne | AL | Inchaimehiace uhalah silote hiotection | 750 | 25 |
| Hurricane Katrina | FCCE | SAM | 310 | 002751 | East End Dauphin Island | AL | Repair/replace rip-rap groin field | 500 | , |
| Hurricane | 1001 | SAIVI | 310 | 032131 | Gulf of Mexico Hwy 193, Mobile | ΛL | Repair/replace shore protection along Hwy 193 leading to Dauphin | 300 | |
| Hurricane Katrina | FCCE | SAM | 310 | 150100 | County AL | AL | Island, AL | 550 | 12 |

CORPS OF ENGINEERS -- CIVIL -- FLOOD CONTROL AND COASTAL EMERGENCIES (FC&CE)

\$200 MILLION EMERGENCY SUPPLEMENTAL ALLOCATIONS AND OBLIGATIONS

(Dollars in Thousands)

| Event | Appropriation Account | District | Cat | PWID | Project/Activity Name | State | Description of Work | Allocation (\$000) | Obligation (\$000) |
|----------------------|--------------------------|----------|-----|--------|---|-------|--|-----------------------|-----------------------|
| Hurricane Katrina | FCCE | SAM | 330 | 161707 | Gulfside Seawall, MS | MS | Provide emergency restoration of the protective measures at Gulfside Seawall, MS | 500 | 1 |
| Hurricane Katrina | FCCE | SAM | 310 | 092808 | Hancock County Seawall, MS | MS | Provide emergency restoration of the protective measures at Hancock County Seawall, MS | 500 | 3 |
| Hurricane Katrina | FCCE | SAM | 330 | 030726 | Harrison County, MS Shore Protection | MS | Provide emergency restoration of the seawall and protective beaches along the Mississippi Gulf Coast | 150 | 46 |
| Hurricane Katrina | FCCE | SAM | 330 | 086300 | North Beach Boulevard, MS | MS | Provide emergency restoration of the protective measures at North Beach Boulevard, MS | 500 | 13 |
| Hurricane Katrina | FCCE | SAM | 330 | 001303 | Panama City Beaches, FL | FL | Provide emergency restoration of the beaches at Panama City., FL to pre-Hurncane Katrina conditions. | 5,000 | 250 |
| Hurricane Katrina | FCCE | SAM | 310 | 092158 | Portersville Bay East | AL | Repair/replace timber bulkhead | 600 | 24 |
| Hurricane Katrina | FCCE | SAM | 310 | 092728 | Portersville Bay West | AL | Repair/replace timber bulkhead | 600 | 8 |
| Hurricane Katrina | FCCE | SAM | 310 | 150104 | River Jourdan, Texas Flat Rd, Hancock County | MS | Provide emergency restoration of the rip-rap revetment along Texas Flat Road. | 25 | 20 |
| Hurricane Katrina | FCCE | SAM | 310 | 030619 | Sowashee Creek | MS | Provide emergency restoration of Sowashee Creek. Substantial damage to unprotected creekbanks. Removal of debris and sediment from falling waters is expected to be substantial. | 1,150 | 873 |
| Hurricane Katrina | FCCE | SAM | 310 | 092833 | Waveland, MS | MS | Provide emergency restoration of the protective measures at Waveland, MS | 500 | 12 |
| | | | | | | | Total FC&CE | 265,000 | 183,792 |